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### **Around the walls. Four project for Jerusalem**

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DIDA, the Department of Architecture of the University of Florence, performed an open and public analysis and evaluation of the scientific research carried out during the first five years of activity since its establishment, in order to define its research strategies, their relationship with the 2nd and 3rd cycle education, the role of experimental research and the system of labs at DIDA (DIDALABS), as well as the role of research units and interuniversity research centers.

The aim of the DIDA Research Week Book 2018 is to communicate the results of such research, in all the aspects which were carried out at DIDA during its first five years of activity.

DIDA RESEARCH WEEK **BOOK 2018**

A walk through  
the research  
paths of the  
Department of  
Architecture  
of Florence

# DIDA RESEARCH WEEK **BOOK** 2018

ISBN 978-88-3338-062-9



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# **DIDA** RESEARCH WEEK **BOOK** 2018

A walk through the research  
paths of the Department of  
Architecture of Florence





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FIRENZE

**DIDA**  
DIPARTIMENTO DI  
ARCHITETTURA

*graphic design*

**didacommunicationlab**

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Università degli Studi di Firenze

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**didapress**


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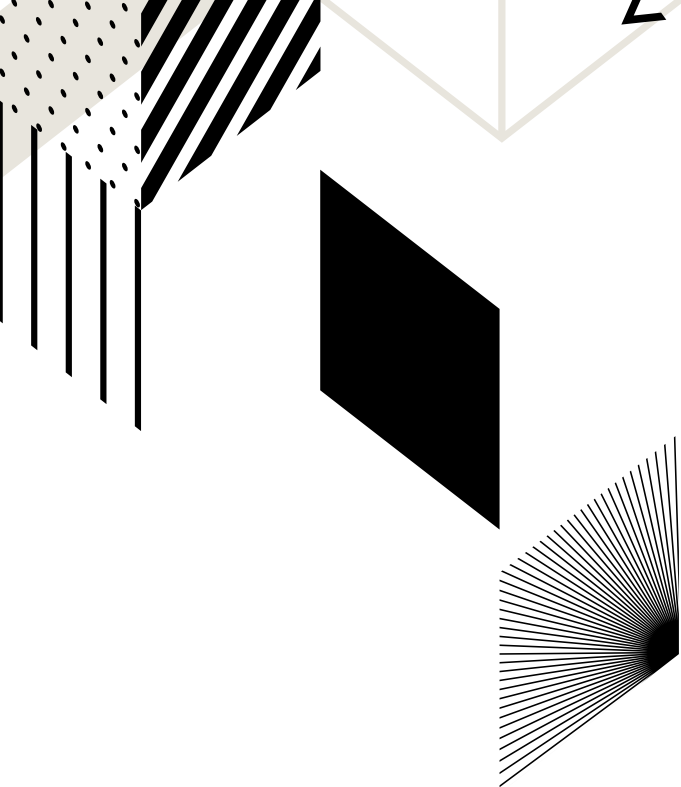


In February 2018, the Department of Architecture of the University of Florence (DIDA) promoted an open and public analysis and evaluation of the research carried out by the Department during its first five years of existence in order to define its strategy, the relationship with third and second cycle education, the role of experimental research and the DIDA-LABS laboratory system, as well as of research units and inter-university research centers.

The objective of the DIDA Research Week, through the documentation, communication and evaluation of the activities carried out by the Department in national and international research projects or in individual or exploratory projects, is an analysis and an in-depth reflection on the research activities at all levels carried out during the first five years of the Department: a wide and transparent reflection which communicates what the research carried out by DIDA is in all its different forms, calling the most qualified colleagues in Florence, Italy and abroad to discuss and to evaluate it and to contribute to the identification of future goals, strategies and actions.

The transparency strategy in scientific communication developed by the Department plays a central role not only concerning the dissemination of knowledge but above all for the effective evaluation by the entire scientific community, certainly more effective than the current assessment procedures. The increasingly international dimension of research and education requires the maximum possible transparency and accessibility of research results.

The Department's commitment to supporting scientific journals, the DIDAPress publishing, the Communication Laboratory and the first DIDA Research Week itself aims to meet this need.



**DIDA RESEARCH WEEK 5 YEARS OF RESEARCH BY THE DEPARTMENT DIDA 2013-2017:  
AN ASSESSMENT FOR THE FUTURE PROGRAM.**

**19-23 February 2017**

Santa Teresa, via della Mattonaia 8, 50121 Florence

**Monday 19 February**

Disciplinary research

Interdisciplinary and multidisciplinary research

**Tuesday, February 20**

Competitive research, horizon 2020, industrial research, design research,  
research for the third mission

Research communication, magazines and scientific publishing

**Wednesday 21 February**

The Ph.D. Course in Architecture

**Thursday 22 February**

Research, training and profession. DIDALABS, Research Units and Research Centers

Applied research experiences

*Round table:* Research, training, profession: DIDA Open perspectives

**Friday 23 February**

Research, training and profession in the design area:  
scenarios and strategies for the design and project area



## An abstract geometric composition featuring a variety of black, white, and grey shapes. The design includes several triangles of different sizes and orientations, some with internal patterns like dots or lines. There are also circles, some solid and some with internal patterns. A prominent feature is a large, light grey triangle that serves as a background for other elements. The overall style is minimalist and modern, with a focus on geometric forms and patterns.



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DIDA RESEARCH MAP | 2013-2018

DIDA Research Systems

<b>Inter-university centres ABITA_CIST_TESIS</b>	<b>57</b>
ABITA	
TESIS	

Laboratories

A&P - Architecture & Project cluster

Architecture and Auto-construction   LAA	
Prato Laboratory   Laboratorioprato	
Technologies for the Mediterranean Area Laboratory  TAM Lab	
Theatre   Architecture Laboratory   TEARC Lab	
Urban Design Laboratory   UD	
<b>AHCV - Architectural Heritage Conservation and Valorisation cluster</b>	<b>113</b>
Architectural Heritage Restoration and Conservation   LARC	
Architectural Survey Laboratory   LRA architecturalsurveylab	
Cultural Heritage Management Laboratory   CHM_Lab	
Heritage City Laboratory   Heritage City_Lab	
Materials and Structures Testing Laboratory   LPMS	

<b>DSI - Design and Sustainable Innovation cluster</b>	<b>143</b>
Communication Laboratory   didacommunicationlab	
Design for Kids	
Italian Design for the train   DIT lab	
Ergonomics & Design Laboratory   LED	
Modelling Laboratory for Design   LMD lab	
Multimedia Architecture Interaction Laboratory   mailab	
Reverse Engineering Interaction design   Rei Lab	
Sustainable Design Laboratory   sustainabilitylab	
<b>ICT - Information Communication Technologies cluster</b>	<b>189</b>
Informatic Laboratory of Architecture   informaticlab - LiA	
Cartography Laboratory   LCart	
Photography Laboratory   LfA	
Architectural Model Laboratory   LMA	
Architecture Video Laboratory   VI.D.A. lab	
<b>TEL - Territories, Ecosystems and Landscapes cluster</b>	<b>205</b>
Critical Planning & Design	
Laboratory of Sociological Research on Design, Architecture and Planning   LabSo	
Landscape Design Lab	
Laboratory of Ecological Design of Settlements   LaPEI	
Plans and Projects for the City and the Territory   PPCT	
Regional Design Lab	
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Architectural and Environmental Survey and Representation	
Design	
History of Architecture and the City	
Landscape Architecture	
Technology of Architecture	
Urban and Regional Planning and Design	
<b>Research Units</b>	<b>305</b>
Cities and Regions Across Local Boundaries   A.VAST Area Vasta	
COmmunities REsilience   CORE	
Documentation and Management of Small Historical Settlements   DM_SHS	
Exploring Landscape Architecture   ELA eu.med.	
Florence Accessibility Lab   FAL	
Heritage and Euro-Mediterranean Design   Dar_Med	
International Group on Urban and Architecture Design   INTEGRO_UAD	
Landscape, Cultural Heritage. Project   PPcP	
Local and Indigenous Knowledge Systems and Innovation   INN-LINK-S	
Projects on Environment, Cities and Territories in the South   ProjECTS	
Urban Bioregion Project   PROBIUR	
Sustainable Urban Projects & Research   SUP&R	
Technology for the Project   TxP_R	

<b>Scientific Journals</b>	<b>345</b>
Firenze Architettura	
Contesti	
Territori	
Scienze del Territorio	
Opus Incertum	
Ri-Vista	
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## Around the walls

### Four projects for Jerusalem

#### Scientific Coordinator and Project

Fabio Fabbrizzi

#### Project Coordinator

Giacomo Fondelli

#### Collaborators

Tommaso Romani

Jacqueline Pernici

#### Contribution of

Franco Cardini

David Cassuto

Cecilia M. Roberta Luschi

Andrea Ricci

Francesco Taormina

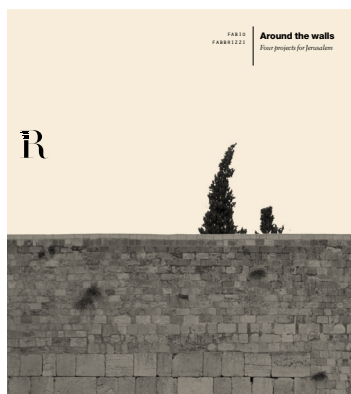
Guido Vannini

Yair Varon

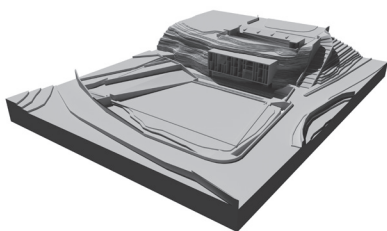
In its delicate religious crossroads, with its reflections of political issues which here assume the size of a more physical than moral fact, and in its division of its unity, Jerusalem is a city capable of carrying the strength of a remote spatiality whose traces become one with the re-worked topography over time from architecture. There is an underlayer which has had the force of various moments of conquest overlapping on top of it, transforming it, over the centuries, with regards to its topological fortuity of a living organism. Within this teeming vagueness, we can catch sight of “fires” of urban recognizability. This is a city where the perspective is absent, where a glimpse is a conquest, where everything is not announced but “found” in its compactness of an absorbing mass – with some rare and impressive exceptions- every emergence within a uniform body, where empty space are nothing more than its subtractions.

This city, made of walls: Walls that protect and limit, yet also walls that are lived, that open and offer themselves to us. Walls that close but that also guide. Impenetrable walls yet welcoming walls, walls that mark the perimeter of the city and walls that carry on into the landscape. Walls that brush the ground and that offer themselves as overlapping traces of past times to bear witness to the ancient visions of the world. With these walls and the theme of mass, in which Jerusalem stands out as the main figure, we have here the four projects developed within the presented research.

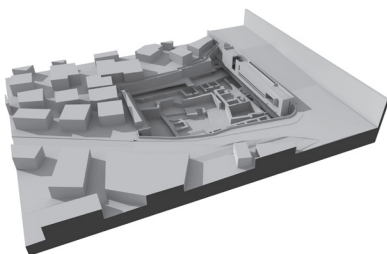
In particular, the study and research areas of the project are actually found opposite the Western Wall, then the Givati area there are the ruins probably belonging to the Palace of Queen Helena of Adiabene, then the small parallel valley on the western part of the city walls and finally, the area of the Pool of Siloam, found at the foot of the City of David. The intent is to establish dialogues and relationships, interpreting themes, materials, geometries and measurements from them in such a way as to sensitively insert themselves within the evolutionary flow of the city; yet, at the same time, declaring their necessary modernity. It is, in fact, as if the imagined architectures were the levers capable of bringing back order to the stratification of the extraordinary contexts for which they were projected, by simply re-focusing on the different places in an overall circling, capable of distancing itself from that inevitable oblivion where every historical and archaeological memory is destined, unless it is placed inside a general refurbishing system of its senses and meanings.



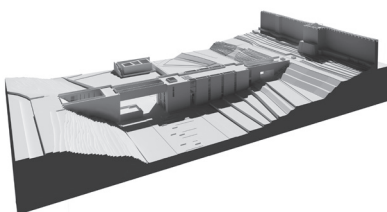
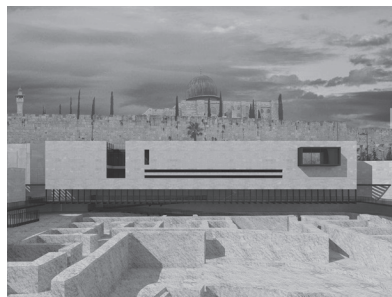
F. Fabbrizzi, *Around the walls. Four project for Jerusalem*, DIDAPRESS, Firenze, 2017.



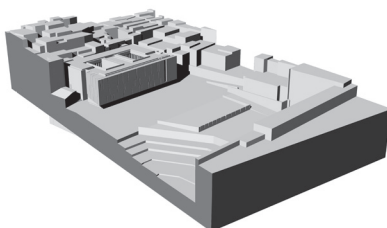
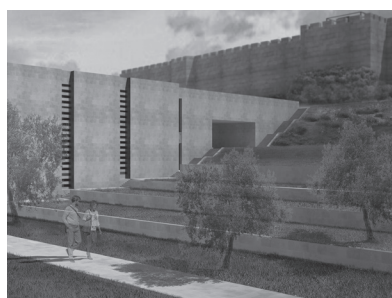
Siloam Pool



Givati-Queen of Adiabene



Museum of the Walls



Western Wall

